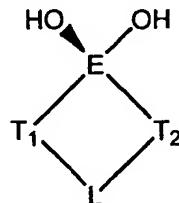


Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in this Application:

Listing of Claims:

1. (Currently amended) A method of controlling treating a bacterial growth infection, comprising exposing administering a therapeutically effective amount bacterium to of a compound of structure I to a subject in need



I

wherein E is selected from the group consisting of B, P, and S, T₁ and T₂ are each independently selected from the group consisting of O, NR, and CH₂, where R = H or C₁-C₈ alkyl, or C₁-C₈ oxoalkyl, and L is selected from the group consisting of ethylene, propylene, and four to six-membered alicyclic and aromatic rings, provided that structure I does not include AI-2-borate, and wherein the bacteria is of a type that controls virulence factors by quorum sensing.

2. (Original) The method of claim 1, wherein E is B.
3. (Original) The method of claim 2, wherein T₁ and T₂ are O.
4. (Original) The method of claim 1, wherein the compound has a molecular weight less than about 750 Da.
5. (Original) The method of claim 4, wherein the molecular weight is less than about 500 Da.
6. (Original) The method of claim 1, wherein E is P.
7. (Original) The method of claim 6, wherein T₁ and T₂ are O.
8. (Original) The method of Claim I comprising administering a therapeutically effective amount of the compound to a human.
9. (Currently amended) The method of controlling bacterial growth attached to a solid

surface comprising exposing Claim 1 in which thea bacterium is exposed to an amount of the compound that affects biofilm formation, wherein the bacteria is of a type that controls growth by quorum sensing.